

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s) :	Szyperski et al.	)	Examiner:
		)	To Be Assigned
Serial No. :	10/617,482	)	
Cnfrm. No. :	2835	)	Art Unit:
		)	2877
Filed :	July 11, 2003	)	
For :	A METHOD OF USING G-MATRIX FOURIER	)	
	TRANSFORMATION NUCLEAR MAGNETIC	)	
	RESONANCE (GFT NMR) SPECTROSCOPY	)	
	FOR RAPID CHEMICAL SHIFT	)	
	ASSIGNMENT AND SECONDARY	)	
	STRUCTURE DETERMINATION OF	)	
	PROTEINS	)	

INFORMATION DISCLOSURE STATEMENT  
UNDER 37 CFR §§ 1.97-1.98

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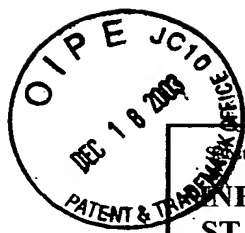
Respectfully submitted,

Date: December 16, 2003

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<b>Certificate of Mailing - 37 CFR 1.8(a)</b>	
I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450, on the date below.	
<u>Dec. 16, 2003</u> Date	<u>Ruth R. Smith</u> Ruth R. Smith



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Substitute for form 1449A/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	10/617,482
Sheet 1 of 2				Filing Date	July 11, 2003
				First Named Inventor	Szyperski
				Art Unit	2877
				Examiner Name	Unknown
				Attorney Docket Number	19226/2191 (R-5770)

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
		US-			
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FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	1	Szyperski et al., "Reduced Dimensionality in Triple-Resonance NMR Experiments," <u>J. Am. Chem. Soc.</u> , 115:9307-9308 (1993)	
	2	Brutscher et al., "Determination of an Initial Set of NOE-Derived Distance Constraints for the Structure Determination of <sup>15</sup> N/ <sup>13</sup> C-Labeled Proteins," <u>J. Magn. Reson. Ser. B</u> 109:238-242 (1995)	
	3	Szyperski et al., "Useful Information from Axial Peak Magnetization in Projected NMR Experiments," <u>J. Am. Chem. Soc.</u> , 118:8146-8147 (1996)	

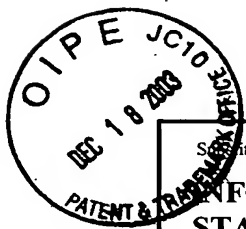
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Substitute for form 1449B/PTO		<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>		Application Number	10/617,482
		Filing Date	July 11, 2003
		First Named Inventor	Szyperski
		Group Art Unit	2877
		Examiner Name	Unknown
		Attorney Docket Number	19226/2191 (R-5770)
Sheet	2		2

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	4	Lohr, et al., "A New Triple-Resonance Experiment for the Sequential Assignment of Backbone Resonances in Proteins," <u>J. Biomol. NMR</u> , 6:189-197 (1995)	
	5	Szyperski et al., "Reduced-Dimensionality NMR Spectroscopy for High-Throughput Protein Resonance Assignment," <u>Proc. Natl. Acad. Sci. USA</u> , 99:8009-8014 (2002)	
	6	Ding et al., "Novel 2D Triple-Resonance NMR Experiments for Sequential Resonance Assignments of Proteins," <u>J. Magn. Reson.</u> , 156:262-268 (2002)	
	7	Kozmiński et al., "Multiple Quadrature Detection in Reduced Dimensionality Experiments," <u>J. Biomol. NMR</u> , 26:157-166 (2003)	
	8	Kim et al., "GFT NMR, a New Approach to Rapidly Obtain Precise High-Dimensional NMR Spectral Information," <u>J. Am. Chem. Soc.</u> , 125:1385-1393 (2003)	

Examiner Signature		Date Considered	
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